Appl. No. 10/791,819

Atty. Docket: 4299-0122P

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A substrate, comprising

a substrate member having a first side and a second side; and

a first insulating layer being on on the fist first side and the second side

of the substrate member; and

a second insulating layer being on the second side of the substrate

member, provided with an insulating layers respectively, wherein the first and

second insulating layers are being made of Cyclic Olefins Polymer, when the

substrate member is heated, the first and second insulating layers keeping

water in the substrate member from escaping from the substrate member.

2. (Currently Amended) The substrate as defined in claim 1, wherein the

first and second insulating layers are preferable—made of Cyclic Olefins

Copolymer.

3. (Cancelled)

4. (Currently Amended) The substrate as defined in elaim 3 claim 1,

wherein the first and second insulating layers have a thickness greater than 1

 μ m.

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5. (Currently Amended) The substrate as defined in claim 1, wherein the

first and second insulating layers have a thickness in a range of between 50 μ

m to 200μ m.

6. (Currently Amended) The substrate as defined in claim 1, wherein the

substrate member further has edge sides, a third insulating layer being

provided and on the edge sides are provided with an insulating layer

respectively.

7. (Original) The substrate as defined in claim 1, wherein the substrate

member is made of a material selected from Polymethyl methacrylate and

Polycarbonate.

8. (New) The substrate as defined in claim 1, wherein the first insulating

layer contacts the first side of the substrate member and the second insulating

layer contacts the second side of the substrate member.

9. (New) A backlight unit, comprising:

a diffuser having a first side and a second side;

a first insulating layer being on the first side of the diffuser; and

a second insulating layer being on the second side of the diffuser, the

first and second insulating layers being made of Cyclic Olefins Polymer; and

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a lamp, when the diffuser is heated by the lamp, the first and second

insulating layers keeping water in the diffuser from escaping from the diffuser.

10. (New) The backlight unit of claim 9, wherein the first insulating layer

contacts the first side of the diffuser and the second insulating layer contacts

the second side of the diffuser.

11. (New) The backlight unit of claim 9, wherein the first and second

insulating layers are made of Cyclic Olefins Copolymer.

12. (New) The backlight unit of claim 9, wherein the first and second

insulating layers have a thickness greater than 1μ m.

13. (New) The backlight unit of claim 9, wherein the first and second

insulating layers have a thickness in a range of between $50 \,\mu$ m to $200 \,\mu$ m.

14. (New) The backlight unit of claim 9, wherein the diffuser further has

edge sides, a third insulating layer being provided on the edge sides.

15. (New) The backlight unit of claim 9, wherein the diffuser is made of a

material selected from Polymethyl methacrylate and Polycarbonate.

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